

DATE: July 21, 1999  
TO: The Record  
FROM: Eric Wiklund *EW*  
SUBJECT: Dan and Mike Staudt

On July 21, 1999 I received a call from Mike Staudt of Marble Rock stating that a concrete manure storage tank, owned by himself and his brother Dan Staudt, had been flooded from the previous nights heavy rains. The tank filled to capacity and overflowed an unknown amount of material.

I arrived at the facility at approximately 10:00 am. I observed the tank with Mike and Dan Staudt, owners. The water had receded and left the tank full at zero freeboard. The tank is 8 feet deep. The Staudt's reported that the tank was approximately 4 feet deep before the rain.

After overflowing from the tank, the discharge entered a flooded waterway, which entered a culvert under the road and continued downstream to a suspected sinkhole or ~~sewerage well~~ *ADW*. The total distance from the concrete tank to the suspected sinkhole/ADW is approximately 1/2 mile.

The owners were instructed to find honey wagons or something similar to pump liquid from the tank and restore as much freeboard as possible. They reported that the pits were a pull/plug system and they had about 2 - 3 weeks storage in the pits, before they would have to dump to the concrete tank.

They have oat ground and pasture available for manure application. They will land apply manure in accordance with their manure management plan as soon as field conditions permit.

There are two wells in the immediate vicinity of the sinkhole. One is the well for the confinement facility, the other is a neighbor to the south, Gary Gerhard. These wells were tested on July 22, 1999 for bacteria and nitrates. Mike Milligan, Floyd County Sanitarian, conducted the testing. Results will be forwarded to this office and then forwarded to the well owners.

The Staudt's have been informed that they will be required to take action to protect the concrete tank from further flood breeches. They are considering constructing a berm around the tank to protect it. This activity will occur some time during the Fall of 1999.

I will conduct follow up investigations to assure that the work to protect the tank is completed.

EW

Cc: Mike Staudt, ~~Ex. 6 Personal Privacy (PP)~~ Marble Rock, IA 50653  
Dan Staudt, ~~Ex. 6 Personal Privacy (PP)~~ Marble Rock, IA 50653  
✓ Gary Gerhard, ~~Ex. 6 Personal Privacy (PP)~~ Marble Rock, IA 50653  
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